

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001615**Date Inspected:** 13-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1400**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	None	CWI Present:	Yes	No
Inspected CWI report:	Yes	No	N/A	
Electrode to specification:	Yes	No	N/A	
Qualified Welders:	Yes	No	N/A	
Approved Drawings:	Yes	No	N/A	
		Rod Oven in Use:	Yes	No
		Weld Procedures Followed:	Yes	No
		Verified Joint Fit-up:	Yes	No
		Approved WPS:	Yes	No
		Delayed / Cancelled:	Yes	No
Bridge No:	34-0006	Component:	OBG	

Summary of Items Observed:

Caltrans Quality Assurance Inspector Gabriel Quintana (QA Inspector) arrived at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to observe fabrication and Quality Control Inspectors (QC Inspectors) perform their duties and responsibilities as specified in the contract documents, approved plans, fabrications documents and Special Provisions for this project. While on site the QA Inspector observed the following:

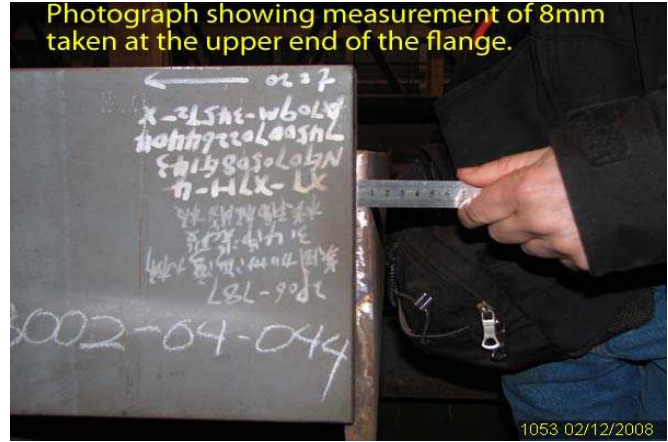
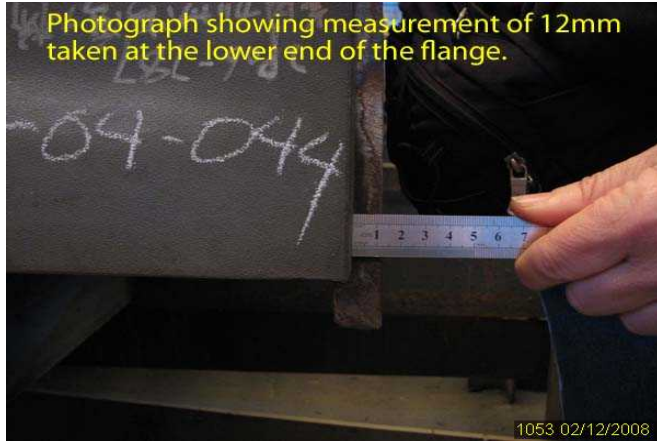
Bay 7- QA Inspector observed Floor Beam Sub Assembly FB002-04 at Flange Plate piece mark X7G and piece mark X7L did not align appear to align perpendicular to the Floor Beam. QA Observed that the drawings allow this dimension to be 10mm and did not list any tolerances. Actual measurements observed by the QA Inspector are as the following: 8mm at the upper end of flange and 12mm at the lower end of flange. QA Inspector discussed this condition with QA Task Leader Mr. Dave McClary and Caltrans Structures Material Representative (SMR) Mr. Ady Velasco. After further review of the condition and research, Mr. Velasco informed the QA Inspector that per the approved Dimensional Control-Tolerance RI-GB-R04, this condition is within the allowed tolerance of 2mm.

Bay 7- QA Inspector observed that no work or welding is in progress in Bay 7.

Bay 8- QA Inspector observed that no work or welding is in progress in Bay 8.

WELDING INSPECTION REPORT

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Summary of Conversations:

No communications took place between the QA and QC Inspector.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Quintana,Gabriel	Quality Assurance Inspector
Reviewed By:	Cochran,Jim	QA Reviewer
